

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/715,379 Confirmation No. : 5460  
Applicant : Satoru SHIGETA, et al.  
Filed : November 19, 2003  
TC/A.U. : 2836  
Examiner : Unassigned  
Docket No. : 056207.52942US  
Customer No. : 23911  
Title : INTERFACE CIRCUIT WITH POWER CONVERTER  
WITH INTERFACE CIRCUIT AND ELECTRIC  
VEHICLE WITH POWER CONVERTER

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This supplements the Information Disclosure Statement submitted in the above-identified application on November 19, 2003.

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

English-abstracts are provided herewith for the references listed on the PTO 1449 as AA, AB, and AC.

In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of

a corresponding foreign Search Report citing such documents, together with an English-language version (if not already included) of that portion of the Search Report indicating the degree of relevance found by the foreign office.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. § 1.97 (e) or fee under 37 C.F.R. § 1.17 (p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

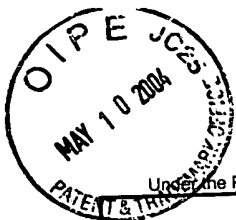
Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Gary R. Edwards", is written over a horizontal line.

Gary R. Edwards  
Registration No. 31,824

May 10, 2004

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet <u>1</u> of <u>1</u>		<b>Complete if Known</b>	
		Application Number	10/715,379
		Filing Date	November 19, 2003
		First Named Inventor	Satoru SHIGETA
		Art Unit	2836
		Examiner Name	Unassigned
		Attorney Docket Number	056207.52942US

Sheet	1	or	1	Attorney	Docu	
U.S. PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
	AA	US- 5,126,593		06-30-1992	Theodor W. Mahler	
	AB	US- 5,489,861		02-06-1996	Michael J. Seymour	
	AC	US- 6,127,876		10-03-2000	Jose M. Soltero	
		US-				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
	AD	GB 1 572 094		07-23-1980	Kodak Ltd.		
	AE	DE 22 05 966		08-16-1973	Licentia Patent-Verwaltungs- GmbH		
	AF	NR 332 483		10-15-1975	Elin-Union Aktiengesellschaft Fur Elektrische Industrie In Wien		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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